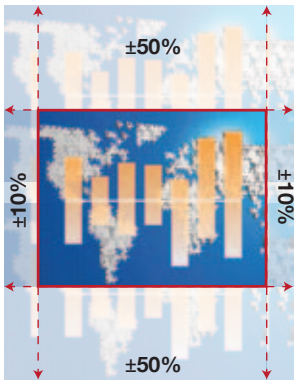
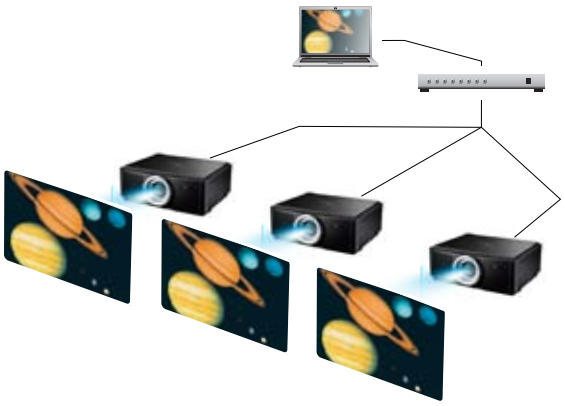
LARGE VENUE PROJECTOR
TW865-NL

DELIVERING A DRAMATIC PROJECTION DIFFERENCE

- **Single lamp, high brightness**
  6000 ANSI lumens
- **Flexible optional lenses**
  Throw ratios from 1 to 3.07:1
- **Streamline administration with network control and management via RS-232 or RJ45 ports**
- **Three-year warranty**
  One-year lamp coverage



MOTORIZED LENS SHIFT
Horizontal: ±10%
Vertical: ±50%



ONE COMPUTER CONNECTED TO UP TO EIGHT PROJECTORS OVER A LOCAL AREA NETWORK
The TW865-NL can be used to project content across networks from a single computer simultaneously.

The Optoma TW865-NL brings robust 24x7 operation to large venues looking for widescreen performance. From auditoriums, conference rooms, boardrooms and control rooms to houses of worship and theaters, the single high-brightness lamp offers ultimate performance for large rooms with ambient light. A variety of features, such as side-loading lamp design, optional lenses, motorized zoom, focus and lens shift, maximize installation flexibility and minimize maintenance.

The Optoma 24/7 Maintenance Program is available for purchase with this projector for added peace of mind.

LENS OPTIONS

Optoma Part Number	BX-CAA01	BX-CAA02	BX-CAA03
F Number	2.3 – 2.57	2 – 2.3	2.3 – 3.4
Throw Ratio (Distance/Width)	1.0 ~ 1.28	1.28 ~ 1.61	1.6 ~ 3.07
Zoom Range (Ratio)	1.28	1.25	1.9
Projection Image Size	50 ~ 500”		
Zoom & Focus Adjustment	Motorized		

LARGE VENUE PROJECTOR — TW865-NL

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DMD DLP Technology by Texas Instruments
Native Resolution	WXGA (1280 x 800)
Brightness	6000 ANSI lumens
Contrast Ratio	Up to 4000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life* and Type	2000/1500 hours (STD/bright) 400Watts
Keystone Correction	±20° Vertical
Uniformity	>90%
Aspect Ratio	16:10 Native; 16:9 and 4:3 compatible
Motorized Lens Shift	Horizontal: ±10%. Vertical: ±50%
Audio	5-Watt speaker
Noise Level	30dB STD / 34dB bright / 54dB self cleaning
Remote Control	IR/wired remote control
Operating Temperature	41° to 104°F (5° to 40°C) 85% max humidity
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Power Consumption	545 Watts max (bright), 460 Watts (STD) <0.5 Watt (standby)
Projection Method	Front, rear, upright, inverted

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility	Frame sequential 720p, XGA, SVGA, 120Hz
Vertical Scan Rate	48 ~ 100, 120 Hz
Horizontal Scan Rate	15 ~ 100 KHz
User Controls	Complete on-screen menu adjustments in 23 languages
I/O Connection Ports	HDMI, DVI, two VGA-in, VGA-out, S-video, composite, component, RGBHV BNC, two stereo audio-in, RCA audio-in, stereo audio-out, USB type A for wireless, mini USB for display, RJ45, RS-232C, wired remote in/out and 12v trigger
Loop Through	D-Sub 15 pin VGA output Audio: Stereo mini-jack output (functional in both normal and standby modes) variable audio-out supported
Communication and Control	RS232C, RJ45

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port and security bar
Weight	40.3 lbs w/o lens
Dimensions	21.3" x 7.8" x 16.5" (540 x 199 x 420 mm)
Shipping Weight	55 lbs
Carton Dimensions	27" x 15" x 23" (685 x 380 x 575 mm)

*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

1. VGA out
2. RS-232
3. VGA1-in/SCART
4. VGA2-in
5. DVI-D
6. RJ-45
7. HDMI
8. USB for Wireless Dongle
9. Mini-USB for display
10. Audio-in
11. S-Video
12. Video
13. Component
14. Audio 1/3-in, Audio-out
15. R/Pr
16. G/Y
17. B/Pb
18. H
19. V
20. 12V out
21. Wired Remote

Warranty

Three-year Optoma Express Replacement Service, One-year on lamp

What Comes in the Box

Projector, AC power cord, VGA to VGA cable, remote adapter cable (2.5mm male to 3.5mm female), remote control, batteries for remote, RS232 cable, lens mount adaptor, lens cap, multilingual CD-ROM user's manual, quick start card and warranty card, lens not included

Optional Accessories

Lenses, 3D glasses, wireless USB adaptor, HDMI cable, ceiling mount, VGA to component cable and Panoview™ Series Screens

Part Numbers

24/7 Maintenance Program: BW-M01
24/7 Maintenance Program with Loaner Unit: BW-M02
Lamp: BL-FU400A Remote: BR-7001N
Geo Scaler: BE-BWM01

UPC: 796435 41 749 9

www.OptomaUSA.com

Optoma Projector Expert

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